

WE CLAIM:

1. A gum base comprising:
an elastomer; and
at least 0.02% by weight structured triacylglycerols
that include short and long chain acyl triglyceride
molecules.
2. The gum base of Claim 1 wherein the base is
wax-free.
3. The gum base of Claim 1 wherein the base is
non-tacky.
4. The gum base of Claim 1 wherein the base is a
bubble gum-type base.
5. The gum base of Claim 1 including at least one
resin.
6. The gum base of Claim 1 including at least one
softener chosen from the group consisting of: tallow;
hydrogenated tallow; hydrogenated and partially
hydrogenated vegetable oils; cocoa butter; glycerol
monostearate; glycerol triacetate; and lecithin.
7. The gum base of Claim 1 wherein the structured
triacylglycerols that include short and long chain acyl
triglyceride molecules comprises not more than 40% by
weight of the base.
8. The gum base of Claim 1 wherein structured
triacylglycerols that include short and long chain acyl
triglyceride molecules are salatrim.
9. A chewing gum formulation comprising:
an insoluble gum base;
a water soluble portion;
a flavor; and
at least 0.01% by weight structured triacylglycerols
that include short and long chain acyl triglyceride
molecules.

10. The chewing gum formulation of Claim 9 including at least one softener chosen from the group consisting of: tallow; hydrogenated tallow; hydrogenated and partially hydrogenated vegetable oils; cocoa butter; glycerol monostearate; glycerol triacetate; and lecithin.
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11. The chewing gum formulation of Claim 9 wherein the structured triacylglycerols that include short and long chain acyl triglyceride molecules comprise not more than 10% by weight of the chewing gum formulation.
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12. The chewing gum formulation of Claim 9 wherein the formulation includes an emulsifier.
13. The chewing gum formulation of Claim 9 wherein the formulation includes an elastomer plasticizer.
14. The chewing gum formulation of Claim 9 wherein structured triacylglycerols that include short and long chain acyl triglyceride molecules are salatrim.
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16. The chewing gum formulation of Claim 9 wherein the formulation includes lecithin.
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17. The chewing gum of Claim 9 wherein the flavor is chosen from the group consisting of mint and fruit.
18. A method for creating chewing gum comprising the step of substituting for a typical plasticizer, softener, or emulsifier in a chewing gum formulation structured triacylglycerols that include short and long chain acyl triglyceride molecules.
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19. The method of Claim 18 wherein the structured triacylglycerols that include short and long chain acyl triglyceride molecules comprise approximately 0.01% to about 10% by weight of the chewing gum formulation.
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20. The method of Claim 18 wherein structured triacylglycerols that include short and long chain acyl triglyceride molecules are salatrim.

5 21. A method for reducing caloric content in a chewing gum formulation including fats/oils comprising the step of using structured triacylglycerols that include short and long chain acyl triglyceride molecules in the formulation.

10 22. The method of Claim 21 wherein structured triacylglycerols that include short and long chain acyl triglyceride molecules are salatrim.

15 23. A gum base comprising:
polyvinyl acetate;
an elastomer; and
at least 0.02% by weight structured triacylglycerols that include short and long chain acyl triglyceride molecules.

20 24. The gum base of Claim 23 wherein the base is wax-free.

25 25. The gum base of Claim 23 wherein the base is non-tacky.

26. The gum base of Claim 23 wherein the base is a bubble gum-type base.

27. The gum base of Claim 23 including at least one resin.

30 28. The gum base of Claim 23 including at least one softener chosen from the group consisting of: tallow; hydrogenated tallow; hydrogenated and partially hydrogenated vegetable oils; cocoa butter; glycerol monostearate; glycerol triacetate; and lecithin.

29. The gum base of Claim 23 wherein the structured triacylglycerols that include short and long chain acyl

triglyceride molecules comprises not more than 40% by weight of the base.

30. The gum base of Claim 23 wherein structured triacylglycerols that include short and long chain acyl triglyceride molecules are salatrim.

31. A chewing gum formulation comprising:
an insoluble gum base including polyvinyl acetate
and an elastomer;
a water soluble portion;
a flavor; and
at least 0.01% by weight structured triacylglycerols
that include short and long chain acyl triglyceride
molecules.

32. The chewing gum formulation of Claim 31 wherein
the flavor is chosen from the group consisting of mint
and fruit.